R
737
U5s
1974
Jan

REPORT 19M

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

DECEMBER 1973
JANUARY 1974

R
737
U6a
1974
Jan.

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

CONTENTS

SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION	V
SUMMARY OF NEW GRANTS AND AWARDS, BY PROGRAM AND SUPPORTING INSTITUTE OR DIVISION	VII
NEW RESEARCH GRANTS, BY AREA, INSTITUTION AND PRINCIPAL INVESTIGATOR	1
NEW RESEARCH CONTRACTS, BY AREA, INSTITUTION AND PROJECT DIRECTOR	22
NEW RESEARCH FELLOWSHIPS, BY AREA, INSTITUTION AND FELLOW	29
NEW RESEARCH CAREER PROGRAM AWARDS, BY AREA, INSTITUTION AND AWARDEE	30
NEW CONSTRUCTION GRANTS, BY AREA, INSTITUTION AND AUTHORIZING OFFICIAL	31
NEW MEDICAL LIBRARY GRANTS, BY AREA, INSTITUTION AND PROJECT DIRECTOR	32

SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

AM NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES

CA NATIONAL CANCER INSTITUTE

- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CN OFFICE OF CANCER CONTROL
- CM DIVISION OF CANCER TREATMENT
- CP DIVISION OF CANCER CAUSE AND PREVENTION

CL CLINICAL CENTER

CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY

DE NATIONAL INSTITUTE OF DENTAL RESEARCH

ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

EY NATIONAL EYE INSTITUTE

GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES

HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT

HL NATIONAL HEART AND LUNG INSTITUTE

- HV DIVISION OF HEART AND VASCULAR DISEASES
- HB DIVISION OF BLOOD DISEASES AND RESOURCES
- HT DIVISION OF TECHNOLOGICAL APPLICATION
- HR DIVISION OF LUNG DISEASES
- HI DIVISION OF INTRAMURAL RESEARCH
- HO OFFICE OF THE NHLI DIRECTOR

JT JOINT (TWO OR MORE SUPPORTING INSTITUTES OR DIVISIONS)

LM NATIONAL LIBRARY OF MEDICINE

NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE

OD OFFICE OF THE DIRECTOR, NIH

RG DIVISION OF RESEARCH GRANTS

RR DIVISION OF RESEARCH RESOURCES

RS DIVISION OF RESEARCH SERVICES

TW FOGARTY INTERNATIONAL CENTER

NIH

SUMMARY OF NEW GRANTS AND AWARDS ANNOUNCED DURING DECEMBER 1973 AND JANUARY 1974

INSTITUTE OR DIVISION	RESEARCH GRANTS		RESEARCH CONTRACTS		RESEARCH TRAINING GRANTS		RESEARCH FELLOWSHIPS		RESEARCH CAREER PROGRAM AWARDS		EDUCATION GRANTS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AI	19	522,404							2	60,000						
AM	30	900,572	2	120,000												
CA	52	3,384,440											4	6,846,154		
CB			6	648,028												
CL			1	520,585												
CM			2	189,804												
CN			6	891,127												
CP			6	1,349,107												
ES			1	57,122												
EY	1	61,562														
GM	16	619,420	1	519,500												
HB			2	128,432												
HD	13	710,385	4	639,157												
HL	32	1,134,669														
HT			1	138,041												
LM	2	16,936	1	30,200											6	16,790
NS	22	994,229	1	52,778												
OD			1	37,782												
RR	11	1,138,598	1	398,945												
TW							2	38,230								
	198	9,483,215	36	5,720,608			2	38,230	2	60,000			4	6,846,154	6	16,790

* INCLUDES DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA			
TEMPE			
ARIZONA STATE UNIVERSITY			
HL16700-01	EHMSEN, RONALD J	CENTRIFUGAL FLUOROCARBON BLOOD OXYGENATION	28,827
INSTITUTION TOTAL	1	28,827	
CITY TOTAL	1	28,827	
STATE TOTAL	1	28,827	
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL CENTER			
NS09990-01A2	GILMORE, SHIRLEY A	UNDERNUTRITION AND THE IMMATURE NERVOUS SYSTEM	21,827
INSTITUTION TOTAL	1	21,827	
CITY TOTAL	1	21,827	
STATE TOTAL	1	21,827	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
AM16722-01A1	PALMOUR, ROBERTA M	GENETIC AND CHEMICAL STUDIES OF ENZYME VARIATIONS	59,531
AI11744-01	RAYMOND, KENNETH N	HYDROXAMATE COMPLEXES IN IRON TRANSPORT SYSTEMS	30,798
RR00829-01	REDFEARN, MAXWELL S	DEVELOPMENT OF HEARST STREET ANIMAL RESOURCES COMPLEX	174,000
CA15744-01	RUBIN, HARRY	PRIMARY EVENTS IN REGULATING CELL MULTIPLICATION	105,385
INSTITUTION TOTAL	4	369,714	
CITY TOTAL	4	369,714	
DOWNEY			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--RANCHO LOS AMIGOS HOSPITAL			
AM17432-01	PERRY, JACQUELIN	QUANTITATED FUNCTION CORRELATED WITH PHYSICAL IMPAIRMENT	24,887
INSTITUTION TOTAL	1	24,887	
CITY TOTAL	1	24,887	
DUARTE			
CITY OF HOPE MEDICAL CENTER			
NS11513-01	IKEDA, KAZUO	NEURAL MECHANISM OF MUTANT PHENOTYPES	18,280
INSTITUTION TOTAL	1	18,280	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	18,280	
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
NS11061-01A1	WAYMIRE, JACK C	REGULATION OF ADRENERGIC METABOLISM	45,081
INSTITUTION TOTAL	1	45,081	
CITY TOTAL	1	45,081	
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
NS11549-01	HEINEMANN, STEPHEN F	SYNAPSE FORMATION IN CLONED CELL LINES	34,750
INSTITUTION TOTAL	1	34,750	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
AI11969-01	FAULKNER, DAVID J	ANTIBIOTICS FROM MARINE ORGANISMS	29,631
CA16367-01	SELL, STEWART	LYMPHOCYTES: GENE EXPRESSION AND ACTIVATION EVENTS	34,981
INSTITUTION TOTAL	2	64,612	
CITY TOTAL	3	99,362	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
NS11087-01A1	CHAO, LI-PEN	STUDIES WITH PURIFIED CHOLINE ACETYLTRANSFERASE	35,356
HL16292-01	MALONEY, JAMES V, JR	SURGERY AND NON-OBSTRUCTIVE CORONARY INSUFFICIENCY	45,246
INSTITUTION TOTAL	2	80,602	
UNIVERSITY OF SOUTHERN CALIFORNIA			
HL16390-01	GRODINS, FRED S	CARDIOPULMONARY CONTROL COUPLING IN EXERCISE	56,595
HL16586-01	YAMASHIRO, STANLEY M	AUTOMATION OF DYNAMIC LUNG RESISTANCE MEASUREMENT	24,600
INSTITUTION TOTAL	2	81,195	
CITY TOTAL	4	161,797	
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
RR00788-01	REVEL, JEAN P	RENOVATION OF KERCKHOFF ANIMAL FACILITY	195,000
INSTITUTION TOTAL	1	195,000	
CITY TOTAL	1	195,000	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
GM21119-01	GUTHRIE, CHRISTINE	BIOSYNTHESIS OF BACTERIOPHAGE T4 TRANSFER RNAS	33,300
AM17365-01	RAFFIN, STEVEN B	INTESTINAL ABSORPTION OF HEMOGLOBIN IRON	35,044
CA15182-01	SHOHET, STEPHEN B	IN VITRO CHARACTERIZATION OF CELLS IN HODGKIN'S DISEASE	68,045
INSTITUTION TOTAL	3	136,389	
CITY TOTAL	3	136,389	
STANFORD			
STANFORD UNIVERSITY			
LM02058-01	RATHER, LELLAND J	HISTORICAL STUDY OF HISTOGENESIS OF NEOPLASMS	6,805
AM16466-01A1	STOCKDALE, FRANK E	STUDIES OF CELL DIFFERENTIATION	52,650
INSTITUTION TOTAL	2	59,455	
CITY TOTAL	2	59,455	
STATE TOTAL	20	1,109,965	
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO			
HL16628-01	FALL, R RAY	REGULATION OF LIPID METABOLISM	41,717
INSTITUTION TOTAL	1	41,717	
CITY TOTAL	1	41,717	
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
CA15895-01	GREY, HOWARD M	NEOPLASTIC AND NORMAL LYMPHOCYTES: MEMBRANE STRUCTURE	51,000
INSTITUTION TOTAL	1	51,000	
UNIVERSITY OF COLORADO MEDICAL CENTER			
HD08309-01	BETZ, GEORGE	POPULATION CONTROL RESEARCH: ENZYME STUDIES	39,630
AI12028-01	CLAMAN, HENRY N	ALLERGIC DISEASE CENTER - ALLERGIC VASCULITIS	43,109
RR00786-01	FROST, WARREN W	ANIMAL RESOURCE IMPROVEMENT	96,910
NS11505-01	ROPER, STEPHEN D	SYNAPTIC TRANSMISSION IN AUTONOMIC GANGLION CELLS	46,393
CA15687-01	WICKS, WESLEY D	CAMP ANALOGS AS GROWTH REGULATORS IN HEPATOMA CELLS	31,269
INSTITUTION TOTAL	5	257,311	
CITY TOTAL	6	308,311	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
HL16233-01	BONILLA, CARLOS A	A NON-SURGICAL MODEL FOR CARDIOGENIC SHOCK	38,100
GM20675-01	SKOGERBOE, RODNEY K	MULTIELEMENT ANALYSIS BY EMISSION SPECTROMETRY	8,055
INSTITUTION TOTAL	2	46,155	
CITY TOTAL	2	46,155	
STATE TOTAL	9	396,183	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
CA15583-01	CROTHERS, DONALD M	NEW APPROACHES TO CANCER CHEMOTHERAPY	39,216
GM21084-01	HORVATH, CSABA G	IMMOBILIZED ENZYME SYSTEMS FOR USE IN CANCER RESEARCH	29,937
CA15405-01	JONAS, ALBERT M	TRANSMISSIBLE MURINE COLONIC HYPERPLASIA	36,255
AI12202-01	MACNAB, ROBERT M	PRINCIPLES OF SENSORY RECEPTION AND MOTOR FUNCTION	25,301
EY01070-01	STRYER, LUBERT	CONFORMATIONAL ASPECTS OF VISUAL EXCITATION	61,562
AI11927-01	WALLIS, ROBERT C	COLONIAL BATS AS OVERWINTERING RESERVOIR OF EEE VIRUS	15,939
INSTITUTION TOTAL	6	208,210	
CITY TOTAL	6	208,210	
STORRS			
UNIVERSITY OF CONNECTICUT			
AM17497-01	SAMULSKI, EDWARD T	NMR RELAXATION IN POLYPEPTIDE LIQUID CRYSTAL	27,000
INSTITUTION TOTAL	1	27,000	
CITY TOTAL	1	27,000	
STATE TOTAL	7	235,210	
DIST OF COL			
WASHINGTON			
CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER			
AM17167-01	HOUCK, JOHN C	IMMUNOSUPPRESSION OF GRAFT REJECTION BY CHALONE	57,000
INSTITUTION TOTAL	1	57,000	
GEORGETOWN UNIVERSITY			
CA14626-01	POTTER, JOHN F	VINCENT T. LOMBARDI CANCER RESEARCH CENTER - PHASE III	190,200
INSTITUTION TOTAL	1	190,200	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE			
AI11889-01	READ, ROBERT G	MICROCLIMATE IN ECOLOGY OF ARTHROPOD-BORNE DISEASES	16,301
INSTITUTION TOTAL	1	16,301	
NATIONAL ACADEMY OF SCIENCES			
AM17546-01	JOHNSON, PAUL E	WORKSHOP CONFERENCE ON FOLIC ACID	8,800
INSTITUTION TOTAL	1	8,800	
CITY TOTAL	4	272,301	
STATE TOTAL	4	272,301	
FLORIDA			
CORAL GABLES			
UNIVERSITY OF MIAMI			
HL15919-01A1	MATTSON, JAMES S	THROMBOGENESIS AT SURFACES OF CARDIOVASCULAR IMPLANTS	42,378
INSTITUTION TOTAL	1	42,378	
CITY TOTAL	1	42,378	
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
HD08229-01	ABRAMS, ROBERT M	HORMONAL CONTROL OF VAGINAL CIRCULATION	25,572
AM17442-01	ZOLTEWICZ, JOHN A	ENZYMATIC THIAMINE COFACTOR CATALYSIS. MODEL SYSTEMS	21,912
INSTITUTION TOTAL	2	47,484	
CITY TOTAL	2	47,484	
MIAMI			
PAPANICOLAOU CANCER RESEARCH INSTITUTE			
HL16407-01	RYAN, UNA S	CELL BIOLOGY OF THE ALVEOLAR CAPILLARY UNIT	23,644
INSTITUTION TOTAL	1	23,644	
UNIVERSITY OF MIAMI			
CA15480-01	MALININ, THEODORE I	PROSTATE CANCER TISSUE COLLECTION CENTER	94,619
INSTITUTION TOTAL	1	94,619	
CITY TOTAL	2	118,263	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
TAMPA			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA			
HL16956-01	BLOOM, SHERMAN	STRUCTURE-FUNCTION PATHOLOGY OF ISOLATED HEART CELLS	19,625
INSTITUTION TOTAL	1	19,625	
CITY TOTAL	1	19,625	
STATE TOTAL	6	227,750	
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
NS11519-01	BERRY, ROBERT W	STUDIES ON THE REGULATION OF NEURONAL PROTEIN SYNTHESIS	25,460
CA15673-01	RANNEY, DAVID F	CHALONE REGULATION OF HUMAN LYMPHOID NEOPLASMS	20,840
INSTITUTION TOTAL	2	46,300	
UNIVERSITY OF CHICAGO			
NS10385-01A1	COHEN, LOUIS	DUCHENNE'S MUSCULAR DYSTROPHY: THERAPY & BASIC STUDIES	32,593
AM17498-01	GOLDWASSER, EUGENE	FORMATION OF ERYTHROPOIETIN IN CELL CULTURE	23,853
INSTITUTION TOTAL	2	56,446	
CITY TOTAL	4	102,746	
DOWNEY			
VETERANS ADMINISTRATION HOSPITAL			
NS11501-01	LITTERIA, MARILYN	EFFECTS OF STEROIDS ON 3H-THYMIDINE UPTAKE IN BRAIN	3,000
INSTITUTION TOTAL	1	3,000	
CITY TOTAL	1	3,000	
STATE TOTAL	5	105,746	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
AM17447-01	GARDNER, ROBERT S	MECHANISMS OF THYROID HORMONE ACTION	37,795
CA15933-01	SCHMIDT, JOSEPH D	STUDIES OF PRIMARY URINARY BLADDER NEOPLASMS	39,290
INSTITUTION TOTAL	2	77,085	
CITY TOTAL	2	77,085	
STATE TOTAL	2	77,085	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
HL16327-01	BAUMAN, DAVID S	IMMUNOLOGIC MECHANISM OF PULMONARY CAVITATION	47,211
HL16166-01	CHAN, SHUNG K	STRUCTURE OF AL-ANTITRYPSIN IN RELATION TO EMPHYSEMA	41,637
INSTITUTION TOTAL	2	88,848	
CITY TOTAL	2	88,848	
STATE TOTAL	2	88,848	
LOUISIANA			
NEW ORLEANS			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
CA16276-01	COHN, ISIDORE, JR	NATIONAL PROGRAM: PANCREATIC CANCER	86,720
INSTITUTION TOTAL	1	86,720	
TULANE UNIVERSITY			
GM20687-01	EHRLICH, MELANIE	MODIFIED DNA AND GENE THERAPY	20,000
NS10312-01A2	GUTH, PAUL S	COCHLEAR PHARMACOLOGY--NEUROTRANSMISSION	35,139
INSTITUTION TOTAL	2	55,139	
CITY TOTAL	3	141,859	
STATE TOTAL	3	141,859	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
AI11936-01	ADKINSON, N FRANKLIN, JR	STUDIES OF ALLERGIC DRUG REACTIONS	21,825
AI11919-01	GILLESPIE, ELIZABETH	ROLE OF MICROTUBULES IN HYPERSENSITIVITY REACTIONS	22,349
HL16466-01	ROSENQUIST, GLENN C	HISTOGENESIS AND BIOCHEMISTRY OF EMBRYONIC LUNG	40,300
LM02097-01	WARD, PATRICIA S	HUGH CABOT (1872-1945): A STUDY IN MEDICAL REFORM	10,131
INSTITUTION TOTAL	4	94,605	
SINAI HOSPITAL OF BALTIMORE			
CA15911-01	HAUSWIRTH, JUDITH W	NUTRITION AND CHEMICAL CARCINOGENESIS	23,009
INSTITUTION TOTAL	1	23,009	
CITY TOTAL	5	117,614	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BETHESDA			
UNIVERSITIES ASSOCIATED FOR RESEARCH AND EDUCATION IN PATHOLOGY			
CA15798-01	MOSTOFI, FATHOLLAH K	HISTOPATHOLOGICAL GRADING OF CARCINOMA OF PROSTATE	45,738
INSTITUTION TOTAL	1	45,738	
CITY TOTAL	1	45,738	
STATE TOTAL	6	163,352	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS AT AMHERST			
AI11909-01	HAGEDORN, HENRY H	CONTROL OF REPRODUCTION IN THE MOSQUITO	27,081
INSTITUTION TOTAL	1	27,081	
CITY TOTAL	1	27,081	
BOSTON			
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
HL16237-01	BING, OSCAR H	COMPUTER FEEDBACK STUDY OF CARDIAC MUSCLE MECHANICS	53,960
INSTITUTION TOTAL	1	53,960	
BOSTON UNIVERSITY			
CA15369-01	BENNETT, MICHAEL	IMMUNOBIOLOGY OF VIRAL LEUKEMIA AND ITS TREATMENT	34,670
HD08350-01	O'MEARA, ANN R	AGE-RELATED CHANGES IN CHROMATIN PROTEINS	32,172
RR00872-01	THERAN, PETER	IMPROVEMENT OF ANIMAL RESOURCE FACILITY	94,611
INSTITUTION TOTAL	3	161,453	
CHILDREN'S HOSPITAL MEDICAL CENTER			
NS11557-01	GREENE, LLOYD A	NEUROCHEMICAL STUDIES ON CULTURED SYMPATHETIC NEURONS	25,993
GM21121-01	LATT, SAMUEL A	PROTEIN-DNA INTERACTIONS IN HUMAN CHROMOSOMES	73,940
INSTITUTION TOTAL	2	99,933	
HARVARD UNIVERSITY			
CA14885-01A1	FAREED, GEORGE C	SIMIAN VIRUS 40 DNA REPLICATION AND TRANSFORMATION	62,835
NS10857-01A1	HENNEMAN, ELWOOD	ORGANIZATION OF THE MOTONEURON POOL AND ITS INPUTS	40,565
NS11576-01	POTTER, DAVID D	DEVELOPMENT OF SYMPATHETIC JUNCTIONS IN CULTURE	22,592
NS11550-01	RANDO, ROBERT R	BEHAVIORAL PHARMACOLOGY AND TRANSMITTER METABOLISM	45,194
CA15497-01	WARRAM, JAMES H	STATISTICAL CENTER FOR NAT'L BLADDER CANCER PROJECT	93,040
INSTITUTION TOTAL	5	264,226	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
CA15882-01	CHESLER, DAVID A	TRANSVERSE SECTION X-RAY CAMERA	119,700
AM17106-01	HARRIS, WILLIAM H	STIMULATION OF FRACTURE HEALING BY DIRECT CURRENT	53,925
CA15944-01	PROUT, GEORGE R, JR	EVALUATION OF MANAGEMENT OF CARCINOMA OF THE BLADDER	93,468
INSTITUTION TOTAL	3	267,093	
UNIVERSITY HOSPITAL			
HL16437-01	HOLLANDER, WILLIAM	DRUG TREATMENT OF ATHEROSCLEROSIS	36,133
INSTITUTION TOTAL	1	36,133	
CITY TOTAL	15	882,798	
CAMBRIDGE			
HARVARD UNIVERSITY			
GM21179-01	LEWONTIN, RICHARD C	GENETIC VARIATION OF PROTEINS IN NATURAL POPULATIONS	67,000
INSTITUTION TOTAL	1	67,000	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
NS11080-01A1	FRISHKOPF, LAWRENCE S	TRANSDUCTION MECHANISMS IN LATERAL-LINE ORGANS	85,643
INSTITUTION TOTAL	1	85,643	
CITY TOTAL	2	152,643	
WORCESTER			
ST. VINCENT HOSPITAL			
CA15945-01	FRIEDELL, GILBERT H	STUDIES ON EXPERIMENTAL BLADDER TUMORS	39,505
CA15490-01	FRIEDELL, GILBERT H	CENTRAL CYTOLOGY AND PATHOLOGY LABORATORY	94,640
INSTITUTION TOTAL	2	134,145	
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
AM16550-01A1	FEINBLATT, JOEL D	SECRETION OF CALCITONIN	15,623
INSTITUTION TOTAL	1	15,623	
CITY TOTAL	3	149,768	
STATE TOTAL	21	1,212,290	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
GM20608-01A1	CHU, ERNEST H	GENETIC CONTROL OF MAMMALIAN CELL METABOLISM	38,240
INSTITUTION TOTAL	1	38,240	
CITY TOTAL	1	38,240	
DETROIT			
WAYNE STATE UNIVERSITY			
CA15013-01	KRABBENHOFT, KENNETH L	CANCER CENTER SUPPORT GRANT (SPECIALIZED)	87,752
INSTITUTION TOTAL	1	87,752	
CITY TOTAL	1	87,752	
STATE TOTAL	2	125,992	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
AM16830-01A1	DIETZMAN, RONALD H	RENAL CRYOPRESERVATION	45,000
CA15551-01	FRALEY, ELWIN E	VIROLOGY AND IMMUNOLOGY OF CANCER OF HUMAN UROTHELIUM	192,250
HD08016-01	SCARR-SALAPATEK, SANDRA W	BEHAVIORAL AND GENETIC STUDIES OF FAMILIES	78,470
GM21178-01	TIMM, GERALD W	SYSTEM DESIGN STUDY OF FLUID ENERGY TRANSFER DEVICES	34,680
CA15638-01	WATTENBERG, LEE W	INHIBITION OF NEOPLASIA OF THE LARGE BOWEL	47,995
INSTITUTION TOTAL	5	398,395	
CITY TOTAL	5	398,395	
ROCHESTER			
MAYO FOUNDATION			
HL16150-01	MANN, KENNETH G	PRIMARY STRUCTURE OF PROTHROMBIN	42,540
HL16623-01	TANCREDI, ROBERT G	CAPILLARY PERMEABILITY IN THE LUNG	72,955
INSTITUTION TOTAL	2	115,495	
CITY TOTAL	2	115,495	
STATE TOTAL	7	513,890	
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
AM17485-01	TORACK, RICHARD M	CAPILLARY PERMEABILITY IN EXPERIMENTAL DIABETES	20,240

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	20,240	
CITY TOTAL	1	20,240	
STATE TOTAL	1	20,240	
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY			
AI12029-01	TOWNLEY, ROBERT G	ALLERGIC DISEASES CENTER GRANT--MECHANISMS IN ASTHMA	48,662
INSTITUTION TOTAL	1	48,662	
CITY TOTAL	1	48,662	
STATE TOTAL	1	48,662	
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
AM16172-01	GALTON, VALERIE A	THE METABOLISM AND ACTION OF THYROXINE IN THE PITUITARY	28,555
CA15085-01	LUBIN, MARTIN	NEUROBLASTOMA: AN E.M.STUDY OF TUMOR DIFFERENTIATION	22,737
INSTITUTION TOTAL	2	51,292	
CITY TOTAL	2	51,292	
STATE TOTAL	2	51,292	
NEW JERSEY			
PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
HL16022-01	EDELMAN, NORMAN H	DETERMINANTS OF THE VENTILATORY RESPONSE TO HYPOXIA	30,000
INSTITUTION TOTAL	1	30,000	
CITY TOTAL	1	30,000	
STATE TOTAL	1	30,000	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
CA15833-01	EDWARDS, W STERLING	RADIOFREQUENCY HEAT FOR CANCER THERAPY	24,350

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
AM16905-01A1	OMDAHL, JOHN L	VITAMIN D ACTION: EFFECT OF MINERALS	27,885
INSTITUTION TOTAL	2	52,235	
CITY TOTAL	2	52,235	
STATE TOTAL	2	52,235	
NEW YORK			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA15757-01	BERNACKI, RALPH J	PLASMA MEMBRANE RECOGNITION IN TUMOR CHEMOTHERAPY	25,500
CA15937-01	MURPHY, GERALD P	NATIONAL BLADDER CANCER COLLABORATIVE GROUP A	25,952
INSTITUTION TOTAL	2	51,452	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
AI11922-01	BARRON, ALMEN L	CHLAMYDIAL GENITAL INFECTION: AN ANIMAL MODEL SYSTEM	15,841
GM20852-01	GIBALDI, MILO	CLINICAL PHARMACOKINETICS AND BIOPHARMACEUTICS	108,313
INSTITUTION TOTAL	2	124,154	
CITY TOTAL	4	175,606	
LAKE PLACID			
TISSUE CULTURE ASSOCIATION--W. ALTON JONES CELL SCIENCE CENTER			
CA15766-01	KAIGHN, M EDWARD	MONOLAYER CULTURES OF HUMAN PROSTATIC CARCINOMA	24,992
INSTITUTION TOTAL	1	24,992	
CITY TOTAL	1	24,992	
NEW YORK			
AMERICAN HEART ASSOCIATION			
HL16724-01	ENELOW, ALLEN J	APPLYING BEHAVIORAL SCIENCE TO CARDIOVASCULAR RISK	29,625
INSTITUTION TOTAL	1	29,625	
AMERICAN THORACIC SOCIETY			
HL16740-01	PIERCE, ALAN K	CONFERENCE ON SCIENTIFIC BASIS OF RESPIRATORY THERAPY	23,718
INSTITUTION TOTAL	1	23,718	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
CA15648-01	GURPIDE, ERLIO	STEROID DYNAMICS IN HUMAN ENDOMETRIAL CANCER	34,608
INSTITUTION TOTAL	1	34,608	
COLUMBIA UNIVERSITY			
GM21000-01	BANCROFT, F CARTER	REGULATION OF GROWTH HORMONE MESSENGER RNA	32,000
CA15826-01	LIPPARD, STEPHEN J	METAL BINDING TO POLYNUCLEOTIDES: PROBES AND DRUGS	65,765
HD08297-01	MELLINS, ROBERT B	RESPIRATORY CONTROL IN EARLY LIFE	59,484
CA15307-01	ROSSI, HARALD H	CELL IRRADIATIONS WITH MOLECULAR IONS	46,414
HL16471-01	STORK, GILBERT	CARDIOACTIVE ALLOYOHIMBINES AND RELATED INDOLE ALKALOIDS	61,745
HD08364-01	TORAN-ALLERAND, C DOMINIQUE	SEX HORMONES & DEVELOPMENT OF THE GONADOTROPHIC AXIS	31,290
HD08432-01	WINTERS, ROBERT W	STUDIES OF PARENTERAL NUTRITION IN NEWBORN ANIMALS	129,100
HD08434-01	WINTERS, ROBERT W	METABOLIC STUDIES OF PARENTERAL NUTRITION IN INFANTS	152,514
INSTITUTION TOTAL	8	578,312	
CORNELL UNIVERSITY MEDICAL COLLEGE			
RR00841-01	BOYER, CLYDE I, JR	EQUIPMENT FOR ANIMAL RESOURCES FACILITY	201,061
NS11555-01	GARDNER, DANIEL	SYNAPTIC ORGANIZATION OF AN IDENTIFIED NEURAL NETWORK	31,007
INSTITUTION TOTAL	2	232,068	
ENGINEERING FOUNDATION CONFERENCES, ENGINEERING FOUNDATION			
CA15932-01A1	MENDELSOHN, MORTIMER L	ENGINEERING FOUNDATION CONFERENCE: AUTOMATIC CYTOLOGY	15,000
INSTITUTION TOTAL	1	15,000	
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
CA15429-01	WINAWER, SIDNEY J	DETECTION OF EARLY COLON CANCER	156,997
INSTITUTION TOTAL	1	156,997	
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--HEALTH DEPARTMENT			
AI10972-01	DUBNAU, DAVID A	INTEGRATION OF TRANSFORMING DNA	22,101
INSTITUTION TOTAL	1	22,101	
NEW YORK UNIVERSITY			
CA15565-01	RABINOVITCH, MICHEL	MACROPHAGE AND TUMOR CELL INTERACTIONS	27,467
CA15585-01	ZOLLA, SUSAN B	A SOLUBLE MEDIATOR OF TUMOR-INDUCED IMMUNOSUPPRESSION	25,665
INSTITUTION TOTAL	2	53,132	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
NS10883-01A1	HURLBUT, WILLIAM P	TRANSMITTER RELEASE AT THE NERVE-MUSCLE JUNCTION	44,930
AI11995-01	KINDT, THOMAS J	IMMUNOCHEMICAL STUDIES ON RABBIT ANTIBODY ALLOTYPES	29,133
INSTITUTION TOTAL	2	74,063	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA15637-01	ZEDECK, MORRIS S	A MODEL SYSTEM FOR STUDIES OF COLON CARCINOGENESIS	32,500
INSTITUTION TOTAL	1	32,500	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
HL16355-01	DETWILER, THOMAS C	REACTIONS OF THROMBIN AND COLLAGEN WITH PLATELETS	24,684
INSTITUTION TOTAL	1	24,684	
CITY TOTAL	22	1,276,808	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
GM20885-01	FISCHER, HARRY W	RADIOGRAPHIC VISUALIZATION OF LIVER AND SPLEEN	24,071
AI11709-01	YOUNG, FRANK E	BIOLOGY OF GONORRHEA	40,734
INSTITUTION TOTAL	2	64,805	
CITY TOTAL	2	64,805	
SARANAC LAKE			
TRUDEAU INSTITUTE			
CA15420-01	MC GREGOR, DOUGLAS D	AGING, IMMUNITY AND CANCER	85,901
INSTITUTION TOTAL	1	85,901	
CITY TOTAL	1	85,901	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
HL16474-01	FRIEDMAN, HAROLD L	ANTIBIOTIC-ION INTERACTIONS	29,165
AM17229-01	SOKOLOFF, LEON	LUBRICATING ABILITY OF SYNOVIAL FLUID	10,455
INSTITUTION TOTAL	2	39,620	
CITY TOTAL	2	39,620	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--UPSTATE MEDICAL CENTER			
AM17359-01	BAKER, BRUCE E	THE ENHANCEMENT OF ARTICULAR CARTILAGE REPAIR	20,244
INSTITUTION TOTAL	1	20,244	
SYRACUSE UNIVERSITY			
NS10474-01A2	ROTHENBERG, MARTIN	TACTILE PERCEPTION OF SPEECH	34,499
INSTITUTION TOTAL	1	34,499	
CITY TOTAL	2	54,743	
STATE TOTAL	34	1,722,475	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
AI12239-01	INGRAM, DAVID L	DIAGNOSIS OF SYSTEMIC INFECTIONS BY ANTIGEN DETECTION	25,029
AI11963-01	LARSH, JOHN E, JR	PHOSPHOLIPASE LEVELS IN EXPERIMENTAL TRICHINELLOSIS	18,434
NS11132-01A1	PERL, EDWARD R	NEURAL BASIS OF EFFECTS PRODUCED BY SPINAL CORD DAMAGE	185,082
HL16056-01	SUGIOKA, KENNETH	EVALUATION OF ACUPUNCTURE IN HYPERTENSION THERAPY	35,113
INSTITUTION TOTAL	4	263,658	
CITY TOTAL	4	263,658	
DURHAM			
DUKE UNIVERSITY			
AI12026-01	BUCKLEY, REBECCA H	CLINICAL STUDY OF ASTHMA AND ALLERGIC DISEASES	40,729
CA15802-01	KIM, SUNG-HOU	CRYSTALLINE COMPLEXES OF RNA WITH SMALL MOLECULES	82,109
AM16385-01A2	LYNN, WILLIAM S	INSULIN ACTION ON THE FAT CELL PLASMA MEMBRANE	23,801
CA15972-01	PAULSON, DAVID F	TISSUE CULTURE OF MAMMALIAN UROTHELIUM	27,896
AM17338-01	PORTER, F STANLEY	STUDIES OF IRON LOADING IN SICKLE CELL DISEASE	24,661
INSTITUTION TOTAL	5	199,196	
CITY TOTAL	5	199,196	
STATE TOTAL	9	462,854	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
HL15907-01A1	BROOKS, STUART M	STEROID METABOLISM IN PATIENTS WITH BRONCHIAL ASTHMA	20,783
INSTITUTION TOTAL	1	20,783	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	20,783	
OHIO			
CLEVELAND			
CLEVELAND CLINIC HOSPITAL			
HL16588-01	EHRHART, ALLEN	COLLAGEN SYNTHESIS IN ATHEROSCLEROSIS	40,000
RR00778-01	MC CULLAGH, KEITH G	IMPROVEMENT OF CLEVELAND CLINIC ANIMAL FACILITIES	51,680
INSTITUTION TOTAL	2	91,680	
MOUNT SINAI HOSPITAL OF CLEVELAND			
HL16514-01	PAWLOWSKI, RAYMOND	PULMONARY SURFACTANT: MORPHOLOGY, BIOSYNTHESIS, TURNOVER	45,000
INSTITUTION TOTAL	1	45,000	
ST. LUKE'S HOSPITAL OF THE UNITED METHODIST CHURCH			
HL16542-01	NIEWOEHNER, DENNIS E	EARLY OBSTRUCTIVE LUNG DISEASE: MECHANICS, MORPHOMETRY	28,714
INSTITUTION TOTAL	1	28,714	
CITY TOTAL	4	165,394	
COLUMBUS			
OHIO STATE UNIVERSITY			
AM16804-01A1	CERILLI, G JAMES	ANTI-VASCULAR ENDOTHELIUM ANTIBODY IN TRANSPLANTATION	25,635
INSTITUTION TOTAL	1	25,635	
CITY TOTAL	1	25,635	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
HD08406-01	SOLOFF, MELVYN S	THE MECHANISM OF ACTION OF OXYTOCIN ON THE UTERUS	25,308
INSTITUTION TOTAL	1	25,308	
CITY TOTAL	1	25,308	
STATE TOTAL	7	237,120	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
RR00726-01	WEDMAN, E EDWARD	DEVELOPMENT OF LABORATORY ANIMAL DIAGNOSTIC SERVICES	47,765
INSTITUTION TOTAL	1	47,765	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	47,765	
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON MEDICAL SCHOOL			
CA15491-01	HODGES, CLARENCE V	NATIONAL COLLABORATIVE STUDY OF CANCER OF THE BLADDER	32,867
RR00772-01	ROGERS, ALLAN L	INSTITUTIONAL ANIMAL RESOURCES IMPROVEMENT PROJECT	62,654
HD08496-01	WEITLAUF, HARRY M	METABOLIC CHANGES IN PREIMPLANTATION MOUSE EGGS	38,274
INSTITUTION TOTAL	3	133,795	
REED COLLEGE			
NS11149-01A1	ARCH, STEPHEN W	REGULATORY PHYSIOLOGY AND BIOCHEMISTRY IN NERVE CELLS	30,836
INSTITUTION TOTAL	1	30,836	
CITY TOTAL	4	164,631	
STATE TOTAL	5	212,396	
PENNSYLVANIA			
PHILADELPHIA			
FEDERATED MEDICAL RESOURCES			
RR00843-01	WAMPLER, STANLEY N	ANIMAL RESOURCE CENTER PROGRAM	138,795
INSTITUTION TOTAL	1	138,795	
INSTITUTE FOR CANCER RESEARCH			
CA14963-01	STRAWITZ, JOSEPH G	CENTRAL ONCOLOGY GROUP	27,185
GM20964-01	WEIGERT, MARTIN G	GENETIC CONTROL OF ANTIBODY STRUCTURE	70,640
INSTITUTION TOTAL	2	97,825	
PHILADELPHIA GENERAL HOSPITAL			
NS11547-01	REIVICH, MARTIN	STUDY OF STROKE	74,999
INSTITUTION TOTAL	1	74,999	
UNIVERSITY OF PENNSYLVANIA			
HD08452-01	BRINSTER, RALPH L	PROTEIN METABOLISM IN THE PREIMPLANTED MOUSE EMBRYO	40,383
AM17517-01	REED, GEORGE H	NMR STUDIES OF PHOSPHOLIPASE A2--MICELLAR SYSTEMS	20,022
AM16658-01A1	STEIN, THOMAS P	NITROGEN POOLS AND TURNOVER IN SURGICAL PATIENTS	34,959
INSTITUTION TOTAL	3	95,364	
CITY TOTAL	7	406,983	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
HL16483-01	BLAINE, EDWARD H	RELATION OF RENAL ENDOCRINE FUNCTION TO HYPERTENSION	26,724
AM17465-01	GLEW, ROBERT H	GAUCHER'S DISEASE - ENZYMOLOGY AND APPROACH TO THERAPY	23,090
AM16166-01A1	ROBINSON, ALAN G	THE PHYSIOLOGY OF NEUROPHYSIN SECRETION	32,276
AI11945-01	SALVIN, SAMUEL B	IMMUNOLOGIC ENHANCEMENT: MECHANISM AND REGULATION	31,996
AM16995-01A1	STRAUB, DAREL K	BONDING IN IRON PORPHYRINS	29,100
INSTITUTION TOTAL	5	143,186	
CITY TOTAL	5	143,186	
STATE TOTAL	12	550,169	
RHODE ISLAND			
KINGSTON			
UNIVERSITY OF RHODE ISLAND			
RR00783-01A1	CHANG, PEI W	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCE	9,400
INSTITUTION TOTAL	1	9,400	
CITY TOTAL	1	9,400	
PROVIDENCE			
BROWN UNIVERSITY			
HL16336-01	GOSS, RICHARD J	COMPENSATORY PULMONARY HYPERTROPHY	23,130
HL16653-01	JACKSON, DONALD C	RESPIRATORY CONTROL AND BODY TEMPERATURE	16,391
INSTITUTION TOTAL	2	39,521	
CITY TOTAL	2	39,521	
STATE TOTAL	3	48,921	
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE MEDICAL UNITS			
CA15934-01	COX, CLAIR E	NATIONAL BLADDER CANCER COLLABORATIVE GROUP A	33,372
INSTITUTION TOTAL	1	33,372	
CITY TOTAL	1	33,372	
STATE TOTAL	1	33,372	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
GM19651-01	JESPERSEN, NEIL D	THERMOMETRIC METHODS OF CLINICAL ANALYSIS	10,919
GM20731-01	SELANDER, ROBERT K	GENETIC ASPECTS OF SOCIAL BEHAVIOR IN HYMENOPTERA	21,940
INSTITUTION TOTAL	2	32,859	
CITY TOTAL	2	32,859	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY			
CA15736-01	HARDING, KENN E	SYNTHESIS OF TUMOR INHIBITORY SESQUITERPENOIDS	23,000
INSTITUTION TOTAL	1	23,000	
CITY TOTAL	1	23,000	
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HD08360-01	GANT, NORMAN F, JR	PLACENTAL FUNCTION IN NORMAL AND ABNORMAL PREGNANCY	25,614
RR00890-01	SHADDUCK, JOHN A	SUPPORT FOR ANIMAL CARE FACILITY	66,722
INSTITUTION TOTAL	2	92,336	
CITY TOTAL	2	92,336	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
CA14527-01A1	ABELL, CREED W	ENZYME THERAPY OF NEOPLASIA	21,926
AI11871-01	EWERT, ADAM	INTERACTIONS OF BRUGIA MALAYI AND MICROORGANISMS	17,411
HL16445-01	FULLER, GERALD M	STUDIES ON THE REGULATION OF FIBRINOGEN BIOSYNTHESIS	24,349
INSTITUTION TOTAL	3	63,686	
CITY TOTAL	3	63,686	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
AM17436-01	BARNES, EUGENE M, JR	REGULATION OF TRANSPORT IN MAMMALIAN CELLS	42,047
HD07655-01A1	HUCKINS, CLAIRE	BEHAVIOR OF STEM CELL SPERMATOGONIA IN RODENT TESTES	32,574
CA15743-01	WILSON, JOHN H	ONCOGENIC MECHANISMS: SV40 AND HOST GENETIC ANALYSIS	48,903
INSTITUTION TOTAL	3	123,524	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER AL AND TUMOR INSTITUTE			
CA16016-01	COPELAND, MURRAY M	FIRST ANNUAL WORKSHOP ON LARGE BOWEL CANCER	44,483
CA15458-01	MAVLIGIT, GIORA M	ADJUVANT IMMUNOTHERAPY TO SURGERY IN COLORECTAL CANCER	82,207
CA15969-01	SHAW, CHARLES R	HYDROCARBON METABOLIZING ENZYMES AND COLON CANCER	51,200
INSTITUTION TOTAL	3	177,890	
CITY TOTAL	6	301,414	
STATE TOTAL	14	513,295	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
GM21075-01	DRUCKER, WILLIAM R	METABOLIC BASIS FOR HOMEOSTASIS IN SHOCK	35,815
GM21129-01	KRETSINGER, ROBERT H	RIBOSOMAL PROTEIN CRYSTALS, GROWTH AND X-RAY	10,570
INSTITUTION TOTAL	2	46,385	
CITY TOTAL	2	46,385	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
AM17545-01	BOGDANOVE, EMANUEL M	QUALITATIVE FACTORS IN ANTERIOR PITUITARY REGULATION	22,594
CA15492-01	KOONTZ, WARREN W, JR	EVALUATION AND MANAGEMENT OF BLADDER CARCINOMA	23,022
AM16457-01	LIBERTI, JOSEPH P	PURIFICATION AND BIOCHEMISTRY OF SULFATION FACTOR	27,188
INSTITUTION TOTAL	3	72,804	
CITY TOTAL	3	72,804	
STATE TOTAL	5	119,189	
WASHINGTON			
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
CA15704-01	HUTCHINSON, WILLIAM B	CANCER CENTER SUPPORT GRANT (COMPREHENSIVE)	500,000
INSTITUTION TOTAL	1	500,000	
UNIVERSITY OF WASHINGTON			
HL16376-01	FEIGL, ERIC O	CORONARY CIRCULATION CONTROL	20,060
NS11343-01	GORBMAN, AUBREY	HORMONAL ACTION ON CENTRAL NERVOUS FUNCTION	75,010
INSTITUTION TOTAL	2	95,070	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	595,070	
STATE TOTAL	3	595,070	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
AM17503-01	WEN, SUNG-FENG	MICROPUNCTURE STUDY OF RENAL GLUCOSE TRANSPORT	24,800
INSTITUTION TOTAL	1	24,800	
CITY TOTAL	1	24,800	
STATE TOTAL	1	24,800	
ISRAEL			
REHOVOTH			
WEIZMANN INSTITUTE OF SCIENCE			
CA14995-01	ALONI, YOSEF	CONTROL OF GENE EXPRESSION IN TUMOR VIRUSES AND CELLS	40,000
INSTITUTION TOTAL	1	40,000	
CITY TOTAL	1	40,000	
STATE TOTAL	1	40,000	
TOTAL	198	9,483,215	

* DOLLARS AWARDED INCLUDE DIRECT COSTS ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
R. K. DAVIES MEDICAL CENTER-FRANKLIN HOSPITAL			
AM42202-00	GOTCH, FRANK A	EVALUATION OF HOLLOW-FIBER DIALYZERS	110,000
INSTITUTION TOTAL	1	110,000	
CITY TOTAL	1	110,000	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
HB42927-00	MYHRE, BYRON A	STUDY OF CLINICAL SAFETY OF FROZEN-THAWED RED CELLS	66,044
INSTITUTION TOTAL	1	66,044	
CITY TOTAL	1	66,044	
STATE TOTAL	2	176,044	
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
CP43238-00	RUDDLE, FRANCIS H	SUPPLY OF HAPLOID AND PARTIAL MONOSOMIC CELL LINES	99,500
INSTITUTION TOTAL	1	99,500	
CITY TOTAL	1	99,500	
STATE TOTAL	1	99,500	
DELAWARE			
WILMINGTON			
WILMINGTON MEDICAL CENTER			
CN45047-00	WHITNEY, LESLIE W	SCREENING FOR DETECTION OF BREAST CANCER	130,652
INSTITUTION TOTAL	1	130,652	
CITY TOTAL	1	130,652	
STATE TOTAL	1	130,652	
DIST OF COL			
WASHINGTON			
HERNER & COMPANY			
CM43720-00	LEYMAN, EDWARD	CANCER THERAPY ABSTRACTS	162,919
INSTITUTION TOTAL	1	162,919	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
RESOURCES FOR THE FUTURE			
HD42805-00	RIDKER, RONALD G	STUDY OF CONSEQUENCES OF POPULATION CHANGE	283,126
INSTITUTION TOTAL	1	283,126	
URBAN INSTITUTE			
HD42807-00	BERGSMAN, JOEL	POPULATION STUDIES IN METROPOLITAN AREAS	177,206
INSTITUTION TOTAL	1	177,206	
WASHINGTON HOSPITAL CENTER			
CM43710-00	REBA, RICHARD C	RADIOISOTOPE LABELING OF BLEOMYCIN	26,885
INSTITUTION TOTAL	1	26,885	
CITY TOTAL	4	650,136	
STATE TOTAL	4	650,136	
HAWAII			
HONOLULU			
PACIFIC HEALTH RESEARCH INSTITUTE			
CN45046-00	GILBERT, FRED I	SCREENING FOR DETECTION OF BREAST CANCER	128,340
INSTITUTION TOTAL	1	128,340	
CITY TOTAL	1	128,340	
STATE TOTAL	1	128,340	
LOUISIANA			
NEW ORLEANS			
LOUISIANA HLTH AND SOCIAL AND REHAB SRVCS ADMIN--CHARITY HOSPITAL OF LOUISIANA			
CP43262-00	KREMENTZ, EDWARD T	SUPPORT FOR LOUISIANA TUMOR REGISTRY	151,979
INSTITUTION TOTAL	1	151,979	
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
CB43912-00	LILLIE, RALPH	DEVELOPMENT OF SUBSTITUTES FOR HEMATOXYLIN	36,690
INSTITUTION TOTAL	1	36,690	
CITY TOTAL	2	188,669	
STATE TOTAL	2	188,669	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
BALTIMORE				
IPCO HOSPITAL SUPPLY CORPORATION--COMMUNITY BLOOD AND PLASMA SERVICES DIVISION				
CL42150-00	SCHMIDT, PAUL J		SUPPLY OF PLATELETHERESIS	520,585
INSTITUTION TOTAL	1	520,585		
CITY TOTAL	1	520,585		
BETHESDA				
INTERNATIONAL BUSINESS MACHINES CORPORATION				
LM44702-00	NOT APPLICABLE		SYSTEMS ENGINEERING SERVICES	30,200
INSTITUTION TOTAL	1	30,200		
MICROBIOLOGICAL ASSOCIATES				
CB43915-00	TRAPANI, ROBERT-JOHN		MAINTENANCE OF HISTOCOMPATABILITY-TYPING CENTER	196,000
INSTITUTION TOTAL	1	196,000		
UNIVERSITIES ASSOCIATED FOR RESEARCH AND EDUCATION IN PATHOLOGY				
NS42303-00	EARLE, KENNETH		COLLECTION OF SERIALLY SECTIONED BRAIN SPECIMENS	52,778
INSTITUTION TOTAL	1	52,778		
CITY TOTAL	3	278,978		
ROCKVILLE				
CAPITOL SYSTEMS GROUP				
CB43913-00	CREAGER, WILLIAM A		STATISTICAL SERVICES	147,838
INSTITUTION TOTAL	1	147,838		
CITY TOTAL	1	147,838		
STATE TOTAL	5	947,401		
MASSACHUSETTS				
BOSTON				
BOSTON UNIVERSITY				
GM42148-00	HERSHEL, JICK		COLLABORATIVE DRUG SURVEILLANCE PROGRAM	519,500
INSTITUTION TOTAL	1	519,500		
CITY TOTAL	1	519,500		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
ABCOR, INC.			
HB42925-00	COOPER, WILLIAM W	STUDY OF CLINICAL SAFETY OF FROZEN-THAWED RED CELLS	62,388
INSTITUTION TOTAL	1	62,388	
BOLT, BERANEK, AND NEWMAN			
RR42147-00	CASTLEMAN, PAUL A	DEVELOPMENT OF SOFTWARE FOR DATA-PROCESSING PROGRAMS	398,945
INSTITUTION TOTAL	1	398,945	
CITY TOTAL	2	461,333	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
CB43898-00	WELSCH, FEDERICO	MEASUREMENT OF STEROID SULFATE CONTENT IN BLOOD	97,700
INSTITUTION TOTAL	1	97,700	
CITY TOTAL	1	97,700	
WALTHAM			
THERMO ELECTRON CORPORATION			
HT32945-00	HUFFMAN, FRED N	STUDY OF IMPLANTED CIRCULATORY SUPPORT SYSTEMS	138,041
INSTITUTION TOTAL	1	138,041	
CITY TOTAL	1	138,041	
STATE TOTAL	5	1,216,574	
NEW JERSEY			
PRINCETON			
EDUCATIONAL TESTING SERVICE			
HD42803-00	LEWIS, MICHAEL	EFFECT OF BIRTH ORDER ON MOTHER-CHILD RELATIONSHIP	88,825
INSTITUTION TOTAL	1	88,825	
CITY TOTAL	1	88,825	
STATE TOTAL	1	88,825	
NEW YORK			
NEW YORK			
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
CN45048-00	LEPLEY, JAMES B	TRAINING OF MAXILLOFACIAL PROSTHODONTISTS	63,559

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NEW YORK				
NEW YORK				
MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES				
CN45052-00	ROBBINS, GUY F		DEVELOPMENT OF CANCER REHABILITATION SERVICES	332,760
INSTITUTION TOTAL	2	396,319		
NEW YORK UNIVERSITY				
CN45050-00	NELSON, ARTHUR J		TRAINING OF PHYSICAL AND OCCUPATIONAL THERAPISTS	94,594
INSTITUTION TOTAL	1	94,594		
CITY TOTAL	3	490,913		
STATE TOTAL	3	490,913		
NORTH CAROLINA				
CHAPEL HILL				
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL				
OD42152-00	SCHEFFLER, RICHARD M		STUDY OF ECONOMIC VALUE OF TRAINING IN BIOSCIENCES	37,782
INSTITUTION TOTAL	1	37,782		
CITY TOTAL	1	37,782		
STATE TOTAL	1	37,782		
OHIO				
COLUMBUS				
OHIO STATE UNIVERSITY				
CP43248-00	NEWMAN, MELVIN S		PREPARATION OF POLYMERS CONTAINING CARCINOGENIC MOIETIES	39,988
INSTITUTION TOTAL	1	39,988		
CITY TOTAL	1	39,988		
STATE TOTAL	1	39,988		
OREGON				
PORTLAND				
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY				
CP43256-00	FISHER, THELMA N		SUPPLY OF PROSTATIC EPITHELIAL CELL LINES	48,405
INSTITUTION TOTAL	1	48,405		
CITY TOTAL	1	48,405		
STATE TOTAL	1	48,405		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA			
LANCASTER			
ST. JOSEPH HOSPITAL			
HD42816-00	COURSIN, DAVID B	DEVELOPMENT OF EEG RECORDING SYSTEM	90,000
INSTITUTION TOTAL	1	90,000	
CITY TOTAL	1	90,000	
PHILADELPHIA			
ALBERT EINSTEIN MEDICAL CENTER			
CN45058-00	ISARD, HAROLD J	PROGRAM FOR DETECTING CANCER OF THE BREAST	141,222
INSTITUTION TOTAL	1	141,222	
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA			
CP43284-00	CRAIG, PAUL	SEARCH OF LITERATURE ON INCIDENCE OF ESOPHAGEAL CANCER	862
INSTITUTION TOTAL	1	862	
CITY TOTAL	2	142,084	
STATE TOTAL	3	232,084	
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
CB43871-00	PAGE, DAVID L	STUDY OF FIBROCYSTIC DISEASE AND MAMMARY CARCINOMA	53,600
INSTITUTION TOTAL	1	53,600	
CITY TOTAL	1	53,600	
STATE TOTAL	1	53,600	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
CB43897-00	HORNING, EVAN C	DETERMINATION OF STEROID SULFATE CONTENT IN BLOOD	116,200
INSTITUTION TOTAL	1	116,200	
CITY TOTAL	1	116,200	
STATE TOTAL	1	116,200	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
AM42200-00	KOLFF, WILLEN J	DEVELOPMENT OF AN ARTIFICIAL KIDNEY	10,000
INSTITUTION TOTAL	1	10,000	
CITY TOTAL	1	10,000	
STATE TOTAL	1	10,000	
VIRGINIA			
SPRINGFIELD			
MELOY LABORATORIES			
CP43207-00	VERNA, JOHN E	SPONTANEOUS AND VIRUS-INDUCED NEOPLASTIC TRANSFORMATION	1,008,373
INSTITUTION TOTAL	1	1,008,373	
CITY TOTAL	1	1,008,373	
STATE TOTAL	1	1,008,373	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
ES42151-00	NUTE, PETER E	PREPARATION OF ANTISERA	57,122
INSTITUTION TOTAL	1	57,122	
CITY TOTAL	1	57,122	
STATE TOTAL	1	57,122	
TOTAL	36	5,720,608	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MARYLAND			
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
TW00143-01	COHEN, SEYMOUR A	FOGARTY INTERNATIONAL SCHOLARSHIP	F15
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
TW00142-01	POPPER, HANS	FOGARTY INTERNATIONAL SCHOLARSHIP	F15
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TOTAL	2		

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	AREA OF TRAINING	PROGRAM
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
AI70829-01	ASKENASE, PHILIP W	ALLERGIC DISEASES ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
AI70830-01	BUCKLEY, REBECCA H	ALLERGIC DISEASES ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
TOTAL	2		

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	AUTHORIZING OFFICIAL	TITLE OF PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY-UNIV OF SO CALIFORNIA MED CTR			
CA14800-01	HAMMOND, DENMAN	NEW CANCER RESEARCH FACILITY	5,970,189
INSTITUTION TOTAL	1	5,970,189	
CITY TOTAL	1	5,970,189	
STATE TOTAL	1	5,970,189	
NEW YORK			
NEW YORK			
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA15081-01	MC LOUGHLIN, WILLIAM J	NEW CANCER FACILITY	313,425
INSTITUTION TOTAL	1	313,425	
CITY TOTAL	1	313,425	
STATE TOTAL	1	313,425	
OHIO			
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER--CHILDREN'S HOSPITAL			
CA15014-01	LAMPKIN, BEATRICE C	EXPANSION OF EXISTING CANCER FACILITY	111,573
INSTITUTION TOTAL	1	111,573	
CITY TOTAL	1	111,573	
STATE TOTAL	1	111,573	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
CA15024-01	VAN CITTERS, ROBERT L	REMODELING OF CANCER FACILITIES	450,967
INSTITUTION TOTAL	1	450,967	
CITY TOTAL	1	450,967	
STATE TOTAL	1	450,967	
TOTAL	4	6,846,154	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SANTA MARIA			
MARIAN HOSPITAL			
LM02193-01	SWERDFIGER, SISTER DONNA M	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,231
INSTITUTION TOTAL	1	3,231	
CITY TOTAL	1	3,231	
UKIAH			
HILLSIDE COMMUNITY HOSPITAL OF UKIAH			
LM02231-01	ORSI, BETTY A	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,998
INSTITUTION TOTAL	1	2,998	
CITY TOTAL	1	2,998	
STATE TOTAL	2	6,229	
MAINE			
LEWISTON			
ST. MARY'S GENERAL HOSPITAL			
LM02179-01	ROUX, SISTER AURORE	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	2,811
INSTITUTION TOTAL	1	2,811	
CITY TOTAL	1	2,811	
STATE TOTAL	1	2,811	
NEW HAMPSHIRE			
PETERBOROUGH			
MONADNOCK COMMUNITY HOSPITAL			
LM02178-01	LUSTED, PATRICIA P	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,200
INSTITUTION TOTAL	1	3,200	
CITY TOTAL	1	3,200	
STATE TOTAL	1	3,200	
TENNESSEE			
CROSSVILLE			
CUMBERLAND MEDICAL CENTER			
LM01929-01A1	COUCH, ROBERT C	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	3,050
INSTITUTION TOTAL	1	3,050	

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	3,050	
TENNESSEE			
LOUDON			
LOUDON COUNTY MEMORIAL HOSPITAL			
LM02241-01	HAMILTON, G GAY	MEDICAL LIBRARY RESOURCE IMPROVEMENT SUPPORT	1,500
INSTITUTION TOTAL	1	1,500	
CITY TOTAL	1	1,500	
STATE TOTAL	2	4,550	
TOTAL	6	16,790	

LIBRARY
NIH
Amazing Research.
Amazing Help.

http://nihlibrary.nih.gov

10 Center Drive
Bethesda, MD 20892-1150
301-496-1080

NIH LIBRARY
4 0053 9165

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MD. 20014

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE $300

LIBRARY
ACQUISITIONS UNIT
NIH
BLDG 10 RM 1-L-13

RG-1